



Quality Formulating Products

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New Product Announcement:

Micro-Clean™ 12-7

Micro-Clean™ 12-7 is an ethoxylated mercaptan. It is a low-foaming nonionic surface active degreaser additive used to formulate high efficiency hard surface cleaning products. Micro-Clean™ 12-7 is a drop in replacement for the Rhodius Alcodet series.

Advantages & Properties:

- Offers exceptional wetting
- Works over a broad Ph range
- Operable over a broad temperature range
- Good for hard surface cleaning especially metal surfaces
- Works well for electronic cleaning applications
- Used as a laundry pre-cleaner for heavy duty commercial applications
- Low odor
- Low foaming
- Low cloud point, <20° C
- Excellent emulsifier
- Blends well with quick-split nonionic surfactants i.e. Aqua-Clean®
- Couples well with most anionic surfactant

Micro-Clean™ 12-7 has physical and chemical characteristics much different than Aqua-Clean®, another proprietary surfactant manufactured by Chemical Products Industries, Inc. The unique properties of both Aqua-Clean® and Micro-Clean™ 12-7 are exhibited in blends of these products.

Differences:

	<u>Micro-Clean™ 12-7</u>	<u>Aqua-Clean®</u>
HLB:	11	13.5
Cloud Point, 1% in sol:	<20° c (68°F)	63-79°c (145-175°F)
Foam half life, 1% sol, t ½:	<10 seconds	150 seconds
Emulsion Type:	Micro Emulsions	Macro Emulsions
Solvation:	Oil Friendly	Water Friendly
% Active	99+%	85-90%

Contact Floyd Farha, PhD, CEO at Chemical Products Industries, Inc. for technical support and/or samples.